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### (54) Title: A METHOD OF TREATING CONDITIONS OF TEETH AND THEIR SUPPORTING TISSUE

### (57) Abstract

The use of a sulphated saccharide or a salt or a complex thereof as an ingredient in a topical preparation for the prophylaxis or treatment of diseases or conditions of the tooth or tooth-supporting tissue, in particular for the prophylaxis or treatment of inflammatory and plaque-related conditions, a method of preventing or treating such diseases or conditions by topically applying the sulphated saccharide or salt or complex thereof, and a topical preparation containing the sulphated saccharide or salt or complex thereof for the prophylaxis or treatment of such diseases or conditions. The sulphated saccharide is especially a polysulphated or persulphated saccharide, e.g. sucralfate (sucrose octakis(hydrogen sulfate) aluminium complex) or a sodium and/or potassium salt of sucrose octakis (hydrogen sulphate). The preparation may be in the form of a solution, suspension, salve, paste, powder, gel, cream, dental fixative, periodontal implant, chewing gum, chewable tablet, effervescent tablet or lozenge.

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